

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069103.D
 Acq On : 07 May 2021 15:24
 Operator : VA/SY
 Sample : M2305-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-1A

Quant Time: May 08 00:08:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	9405	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	17152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	19721	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	9260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	9187	75.79	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.58%
35) Dibromofluoromethane	7.920	113	5320	45.23	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.46%
50) Toluene-d8	10.338	98	22003	50.67	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.34%
62) 4-Bromofluorobenzene	12.626	95	7905	55.34	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.68%

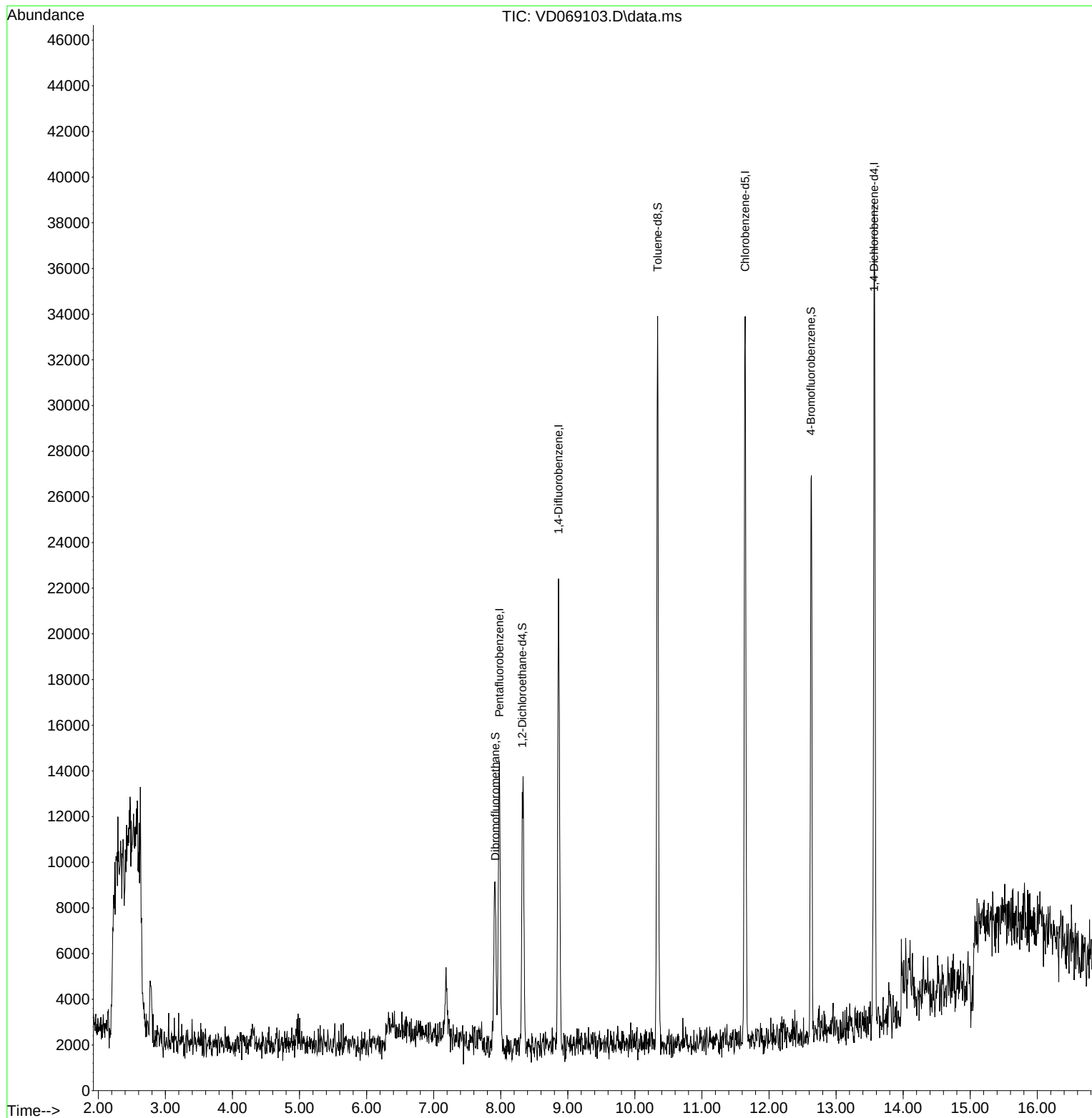
Target Compounds	Qvalue

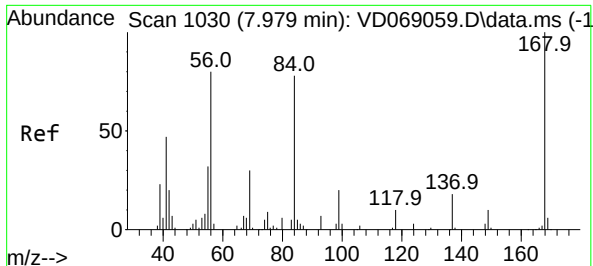
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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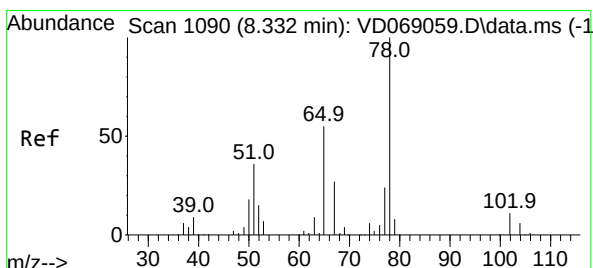
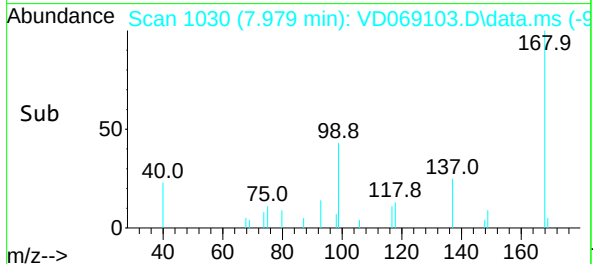
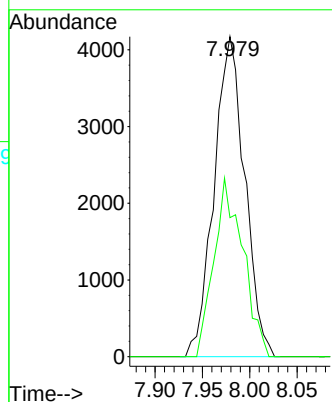
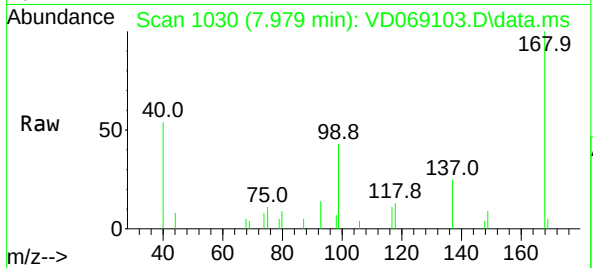




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069103.D
Acq: 07 May 2021 15:24

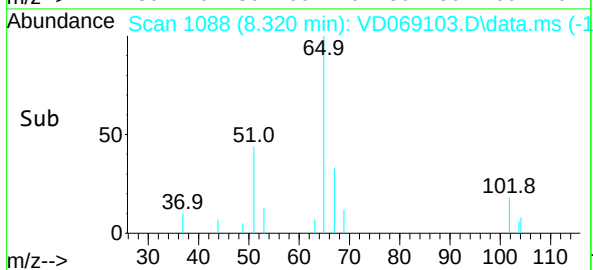
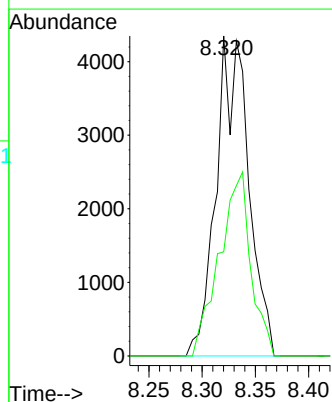
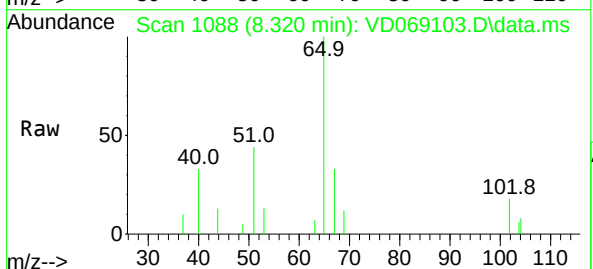
Instrument :
MSVOA_D
ClientSampleId :
P-1A

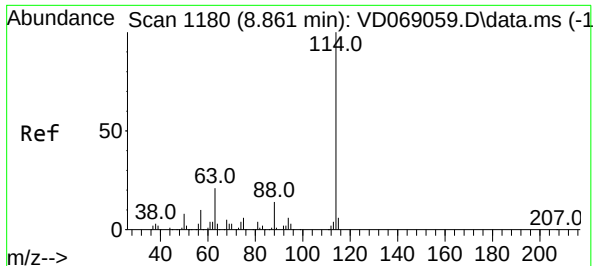
Tgt Ion:168 Resp: 9405
Ion Ratio Lower Upper
168 100
99 43.5 52.6 78.8#



#33
1,2-Dichloroethane-d4
Concen: 75.79 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD069103.D
Acq: 07 May 2021 15:24

Tgt Ion: 65 Resp: 9187
Ion Ratio Lower Upper
65 100
67 55.8 0.0 103.4



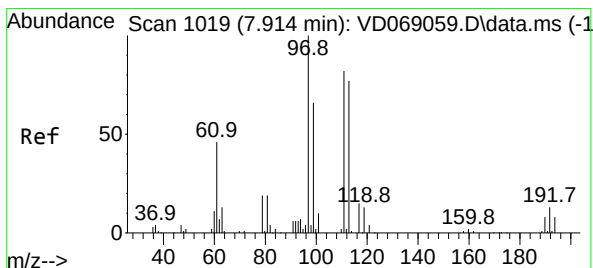
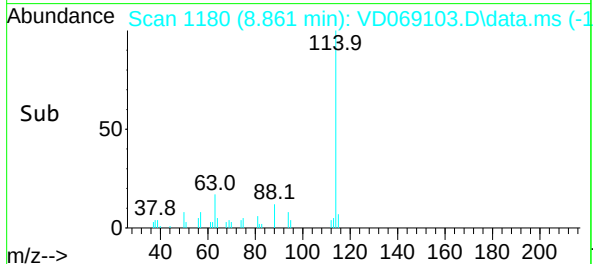
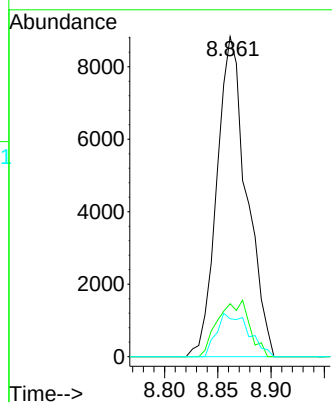
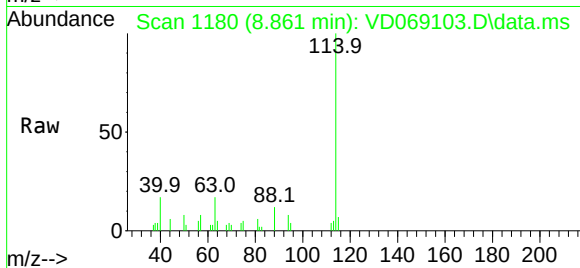


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069103.D
Acq: 07 May 2021 15:24

Instrument :
MSVOA_D
ClientSampleId :
P-1A

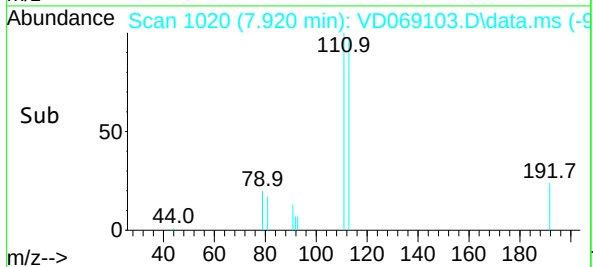
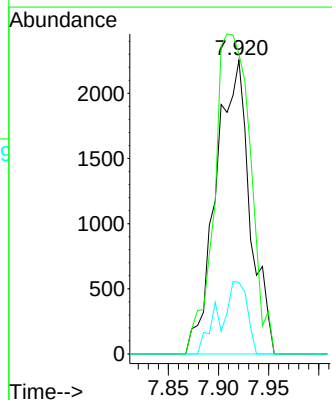
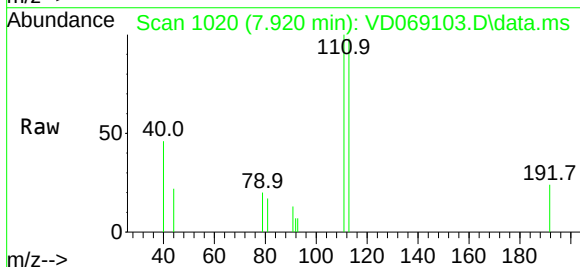
Tgt Ion:	114	Resp:	17152
Ion Ratio	Lower	Upper	
114	100		
63	16.5	0.0	41.4
88	11.8	0.0	27.8

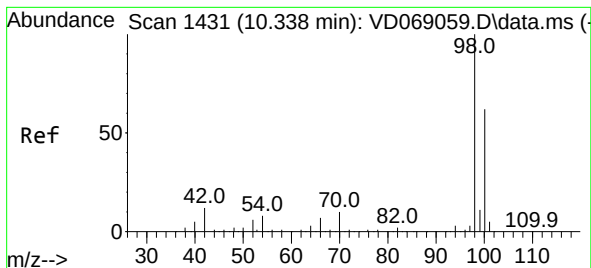


#35

Dibromofluoromethane
Concen: 45.23 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069103.D
Acq: 07 May 2021 15:24

Tgt Ion:	113	Resp:	5320
Ion Ratio	Lower	Upper	
113	100		
111	115.5	84.6	126.8
192	19.9	13.5	20.3

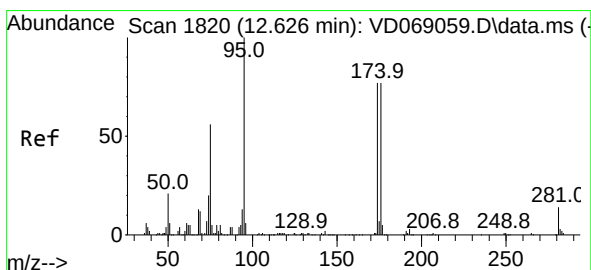
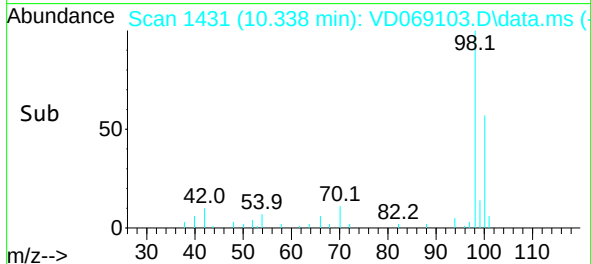
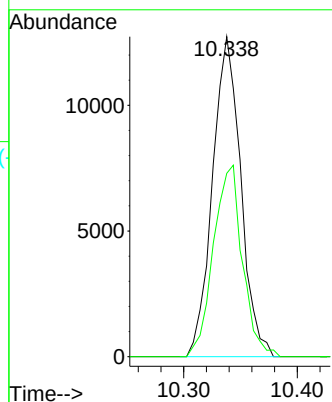
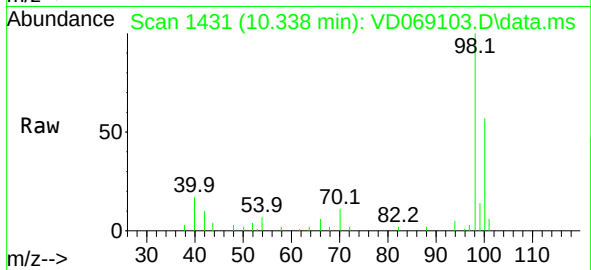




#50
Toluene-d8
Concen: 50.67 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069103.D
Acq: 07 May 2021 15:24

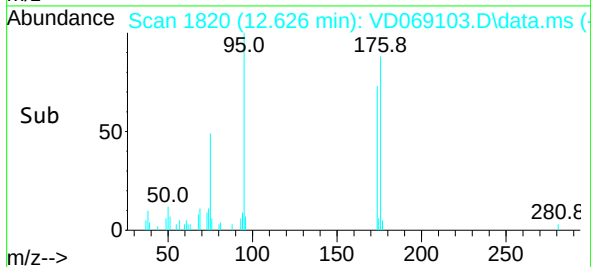
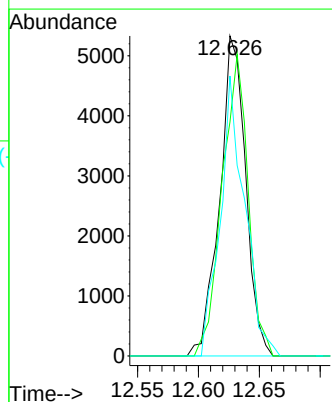
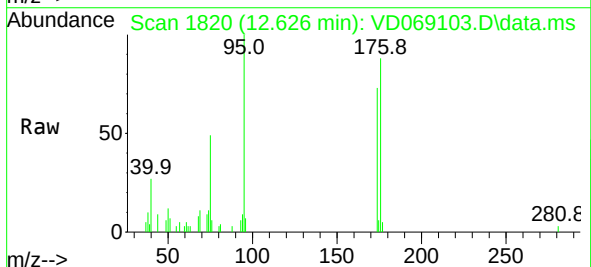
Instrument :
MSVOA_D
ClientSampleId :
P-1A

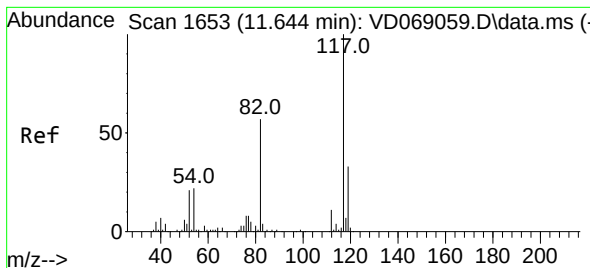
Tgt Ion: 98 Resp: 22003
Ion Ratio Lower Upper
98 100
100 61.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 55.34 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069103.D
Acq: 07 May 2021 15:24

Tgt Ion: 95 Resp: 7905
Ion Ratio Lower Upper
95 100
174 94.5 0.0 156.0
176 82.7 0.0 149.4

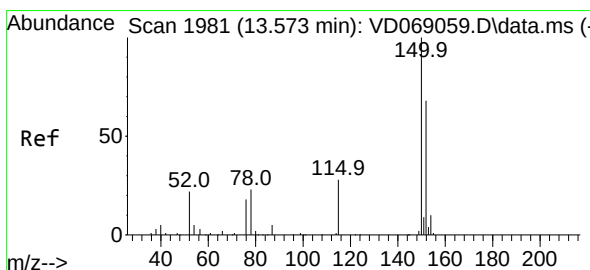
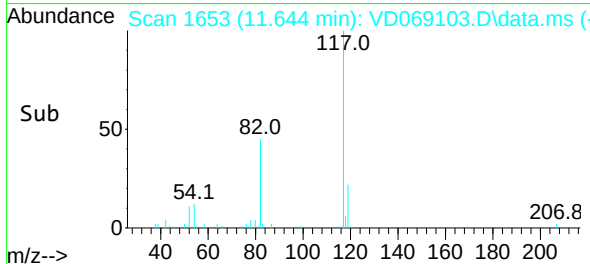
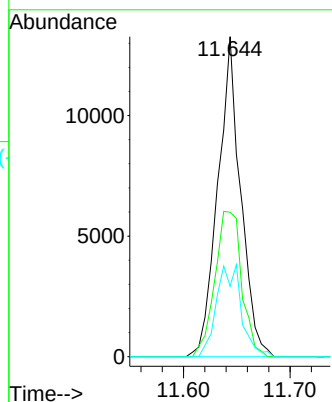
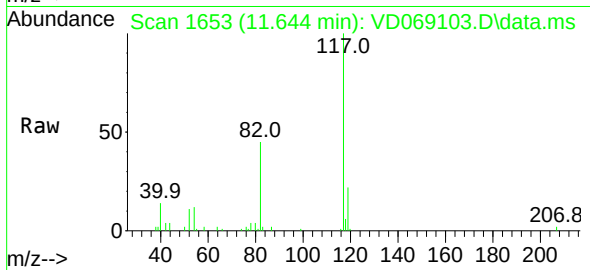




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069103.D
Acq: 07 May 2021 15:24

Instrument :
MSVOA_D
ClientSampleId :
P-1A

Tgt Ion:117 Resp: 19721
Ion Ratio Lower Upper
117 100
82 45.1 45.4 68.2#
119 22.0 26.8 40.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069103.D
Acq: 07 May 2021 15:24

Tgt Ion:152 Resp: 9260
Ion Ratio Lower Upper
152 100
115 65.4 30.5 91.5
150 167.1 0.0 340.8

